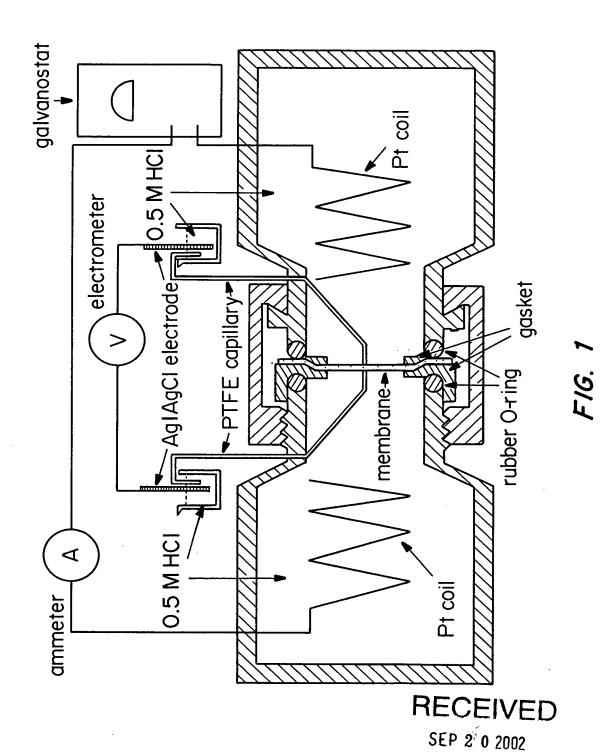
By: Harry R. Allcock, Michael A. Hofmann, Serguei N. Lvov, and Xiang Y. Zhou
U.S.S.N. 09/590,985
Filed: June 9, 2000

Atty. Docket No. PSU 99-2

Atty. Docket No. PSU 99-2127





TC 1700

"Proton Conducting Polymer Membranes"

By: Harry R. Allcock, Michael A. Hofmann, Serguei N. Lvov, and Xiang Y. Zhou · U.S.S.N. 09/590,985 Filed: June 9, 2000 Atty. Docket No. PSU 99-2127 TRADEMPON' SEP 1 7 2002 PRESSURE TRANSDUCER F16. 2 SOLUTION OUTLET VACUUM SOLUTION :0: THERMOCOUPLE SOLUTION INLET 0 VALVE STAINLESS STEEL MESH _____ STAINLESS STEEL CEL HIGH PRESSURE PUMP VITON L-RING MEMBRANE. TO VACUUM PUMP HEATING COIL RECEIVED SEP 2 0 2002 TC 1700

"Proton Conducting Polymer Membranes"

By: Harry R. Allcock, Michael A. Hofmann, Serguei N. Lvov, and Xiang Y. Zhou U.S.S.N. 09/590,985 Atty. Docket No. PSU 99-2127 Filed: June 9, 2000 ET BADEMAN 1000 900 METHANOL Vapor pressure, mmHg 800 700 WATER 600 500 400 300 200 100 0-20 60 100 40 80 120 0 TEMPERATURE, C FIG. 3 cm Hg 0.6 methanol 10% air 0.5 0.4 0.3 0.2 0.1 RECEIVED - 5 -10 MINUTES FIG. 4 SEP 2 0 2002 TC 1700

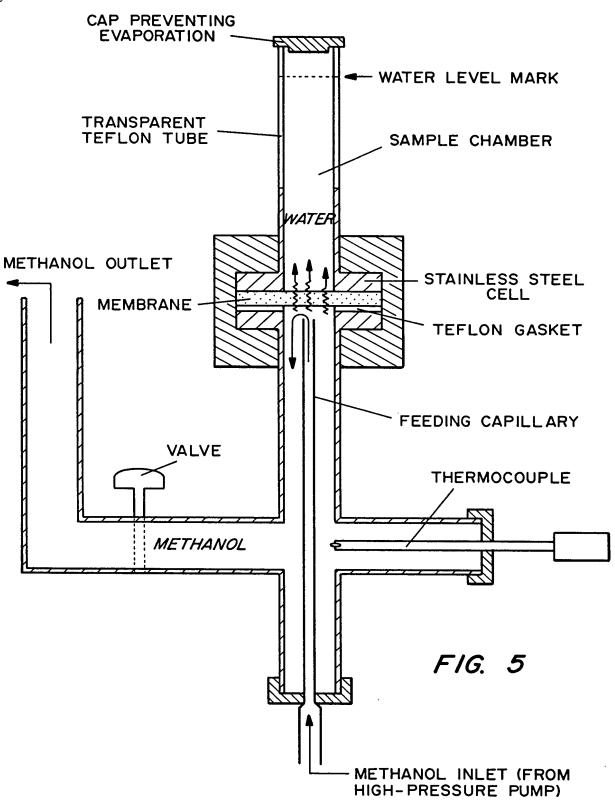
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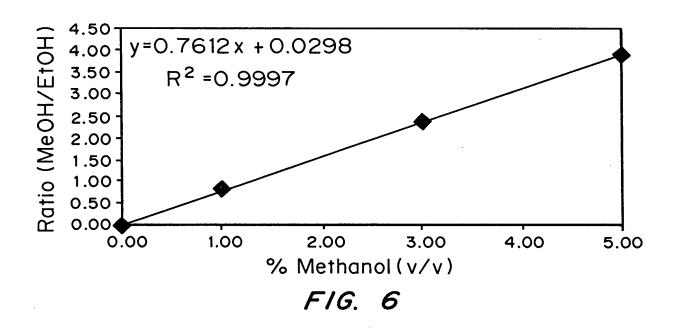
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